



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

| | | | | | |
|---------|--|------------------------|--|--------------------------|--|
| Sheet 1 | | of 1 | | Complete if Known | |
| | | Application Number | | 10/642,447 | |
| | | Filing Date | | 8/15/03 | |
| | | First Named Inventor | | So et al. | |
| | | Art Unit | | 2624 | |
| | | Examiner Name | | Andrew W. Johns | |
| | | Attorney Docket Number | | MAIT-009XX | |

Classification

| U. S. PATENT DOCUMENTS | | | | | |
|------------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| /AWJ/ | | us- 2004/0125372 A1 | 07/01/2004 | Walla et al. | 356/318 |
| /AWJ/ | | us- 6,496,267 B1 | 12/17/02 | Takaoka | 356/497 |
| /AWJ/ | | us- 7,110,118 B2 | 09/19/06 | Onit et al. | 356/450 |
| /AWJ/ | | us- 7,139,415 B2 | 11/21/06 | Finkbeiner | 382/128 |
| /AWJ/ | | us- 7,197,193 B2 | 03/27/07 | Li et al. | 382/285 |
| /AWJ/ | | us- 7,215,469 B2 | 05/08/07 | Nakata et al. | 359/386 |
| /AWJ/ | | us- 7,274,446 B2 | 09/25/07 | Wolleschensky et al. | 356/300 |
| | | us- | | | |
| | | us- | | | |
| | | us- | | | |
| | | us- | | | |
| | | us- | | | |
| | | us- | | | |
| | | us- | | | |
| | | us- | | | |
| | | us- | | | |
| | | us- | | | |
| | | us- | | | |
| | | us- | | | |
| | | us- | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | | | |
|--------------------|------------------|-----------------|------------|
| Examiner Signature | /Andrew W Johns/ | Date Considered | 01/02/2008 |
|--------------------|------------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|--|------|-----------------------------------|-----------------|
| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Complete if Known | |
| | | Application Number | 10/642,447 |
| | | Filing Date | 8/15/03 |
| | | First Named Inventor | So et al. |
| | | Art Unit | 2624 |
| | | Examiner Name | Andrew W. Johns |
| Sheet 1 | of 2 | Attorney Docket Number MAIT-009XX | |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| /AWJ/ | | BIRD ET AL., Two-photon fluorescence endoscopy with a micro-optic scanning head, Optical Society America, 2003, Vol. 28, No. 17, pp 1552-1554. | |
| /AWJ/ | | SACCONI ET AL., Multiphoton multifocal microscopy exploiting a diffractive optical element, Optical Society America, 2003, Vol. 28, No. 20, pp 1918-1920. | |
| /AWJ/ | | JUNG ET AL., Multiphoton endoscopy, Optical Society America, 2003, Vol. 28, No. 11, pgs 902-904. | |
| /AWJ/ | | BIRD ET AL., Fibre-optic two-photon scanning fluorescence microscopy, The Royal Microscopical Society, Journal of Microscopy, October 2002, Vol. 208, Pt 1, pp 35-48. | |
| /AWJ/ | | HELMCHEN ET AL, Enhanced two-photon excitation through optical fiber by single-mode propagation in a large core, Optical Society America, May 20, 2002, Vol. 41, No. 15, pp 2930-2934 | |
| /AWJ/ | | ANDERSEN ET AL., Time multiplexed multifocal multiphoton microscope, Optical Society America, Optic Letters, 2001, Vol. 26, No. 2, pp 75-77. | |
| /AWJ/ | | HELMCHEN ET AL. A miniature head-mounted two-photon microscope: high-resolution brain imaging in freely moving animals, Neuron, 2001, Cell Press, Vol. 31, pp 903-912. | |
| /AWJ/ | | NIELSEN ET AL., High efficiency beam splitter for multifocal multiphoton microscopy, The Royal Microscopical Society, Journal of Microscopy, 2001, Vol. 201, Pt 3, pp 368-376. | |
| /AWJ/ | | BEWERSDORF ET AL, Multifocal multiphoton microscopy, Optical Society America, Optical Letters, 1998, Vol. 23, No. 9, pp 655-657 | |
| /AWJ/ | | BUIST ET AL., Real time two-photon absorption microscopy using multipoint excitation, The Royal Microscopical Society, Journal of Microscopy, 1998, Vol. 192, Pt 2, pp 217-226. | |

| | | | |
|--------------------|------------------|-----------------|------------|
| Examiner Signature | /Andrew W Johns/ | Date Considered | 01/02/2008 |
|--------------------|------------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|---|--------------------------|-----------------|------------------------|------------|
| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Complete if Known | | | |
| | | Application Number | 10/642,447 | | |
| | | Filing Date | 8/15/03 | | |
| | | First Named Inventor | So et al. | | |
| | | Art Unit | 2624 | | |
| | | Examiner Name | Andrew W. Johns | | |
| Sheet | 2 | of | 2 | Attorney Docket Number | MAIT-009XX |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| /AWJ/ | | DENK ET AL., Two-photon laser scanning fluorescence microscopy, School of Applied and Engineering Physics, Dept. of Physics, Cornell University, Ithaca NY 14853. | |
| /AWJ/ | | WEBB ET AL., A wide-field time-domain fluorescence lifetime imaging microscope with optical sectioning, American Institute of Physics, Review of Scientific Instruments, 2002, Vol. 73, No. 4, pp 1898-1907 | |
| /AWJ/ | | LEVEQUE-FORT ET AL., Time-resolved multifocal multiphoton microscopy, Biomedical Optics, SPIE, 2003, Vol. 5139, pp 173-179. | |
| /AWJ/ | | KIM ET AL., Usage of multi anode PMT on the multi-photon fluorescence spectroscopy and video rate microscopy, IEEE, 2002 | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | |
|--------------------|------------------|-----------------|------------|
| Examiner Signature | /Andrew W Johns/ | Date Considered | 01/02/2008 |
|--------------------|------------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.